[ABSTRACT OF THE DISCLOSURE]

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A power control channel transmission device in a CDMA communication system includes: a slot controller for designating a time slot for transmitting power control commands generated from multiple subscribers; a selector for multiplexing the power control commands by the unit of a power control group under the control of an output of the slot controller; an orthogonal modulator for orthogonally modulating an output signal from the selector by multiplying the output signal of the selector by an orthogonal code of a common power control channel; and a spreading modulator for spreading an output signal from the orthogonal modulator by multiplying the output signal of the orthogonal modulator by a spreading sequence, and transmitting the spread signal.

[REPRESENTATIVE FIGURE]

FIG. 3